

What is claimed is:

1. A method for checking a disk loading status in an optical disk comprising the steps of:

5 discriminating a loading status of an optical disk by multi-stage;
transmitting corresponding information to a host connected through an interface in case that disk has been jammed upon discrimination; and
performing disk-ejection operation according to a disk ejection command received from the host.

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2. The method according to claim 1, wherein in the step of discriminating the loading status of an optical disk by multi-stage, a loading status of an optical disk is discriminated by multi-stage on the basis of sensing signals respectively outputted from a plurality of optical sensor for sensing a size of the optical disk and from a loading switch for sensing whether the optical disk has been clamped.

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3. The method according to claim 2, wherein when the combination of the sensing signals respectively outputted is not a value indicating a state that the disk is completely mounted and as such being maintained for more than a predetermined time, it is discriminated that the disk has been jammed.

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4. A method for checking a disk loading status in an optical disk comprising the steps of:

25 discriminating a loading status of an optical disk by multi-stage; and

performing a disk-ejection operation by itself in case that the disk has been jammed upon discrimination.

5. The method according to claim 4, further comprising a step of
- 5 transmitting information reporting the disk-ejection to a connected host.